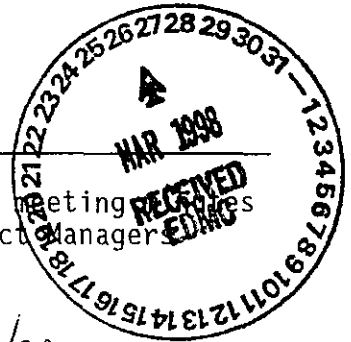


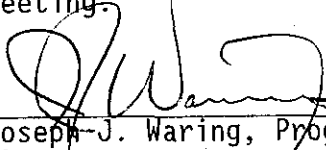
## Meeting Minutes Transmittal

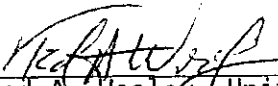
CENTRAL WASTE COMPLEX  
Project Managers Meeting/Part B Workshop  
2440 Stevens Center, Room 2519  
Richland, Washington

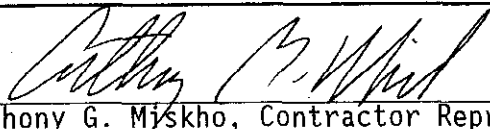
February 17, 1998  
1:00 p.m. to 4:00 p.m.

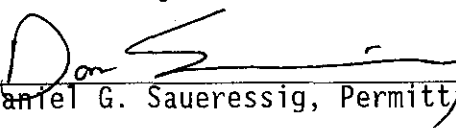



The undersigned indicate by their signatures that these Meeting Minutes reflect the actual occurrences of the above-dated Project Managers Meeting.

  
Joseph J. Waring, Program Manager, DOE-RL Date: 3/14/98

  
Ted A. Wooley, Unit Manager, for Laura Cusack, Project Manager,  
Washington State Department of Ecology Date: 3/11/98

  
Anthony G. Miskho, Contractor Representative, FDH Date: 3/11/98

  
Daniel G. Saueressig, Permitting Representative, WMH Date: 3/11/98  
Central Waste Complex, WMH Concurrence

  
Brett M. Barnes, Contractor Representative, WMH Date: 3/11/98  
(Represented by Larry R. Olsen, WMH)

Purpose: Discuss permitting process.

Meeting Minutes are attached. The minutes are comprised of the following:  
Attachment 1 - Agenda  
Attachment 2 - Summary of Discussion and Commitments/Agreements  
Attachment 3 - Attendance List  
Attachment 4 - Action Items  
Attachment 5 - Notice of Deficiency Response Table with Agreements/Actions  
Resulting from Part B Workshop

**Attachment 1**

**CENTRAL WASTE COMPLEX  
Project Managers Meeting/Part B Workshop  
2440 Stevens Center, Room 2519  
Richland, Washington**

**February 17, 1998  
1:00 p.m. to 4:00 p.m.**

**AGENDA**

**1. PREVIOUS MEETING MINUTES**

**2. PERMIT APPLICATION STATUS**

- Part B NOD Workshop Schedule (D. Saueressig - WMH)

**3. GENERAL TOPICS**

- Past Action Items

12-11-96:1      Mr. Olsen (WMH) will establish a time for  
Mr. Wooley (Ecology) to observe an emergency  
exercise at CWC.  
ACTION: Mr. Olsen (WMH)

**CLOSED**

11-17-97:1      Mr. L. Olsen (WMH) will determine whether or not  
a report will be generated regarding disposition  
of the Argonne containers.  
ACTION: Mr. Olsen (WMH)

**OPEN**

- New Action Items

**4. SCHEDULE NEXT MEETING**

- Tentative Date

**5. PART B WORKSHOP**

## Attachment 2

### CENTRAL WASTE COMPLEX Project Managers Meeting/Part B Workshop 2440 Stevens Center, Room 2519 Richland, Washington

February 17, 1998  
1:00 p.m. to 4:00 p.m.

#### Summary of Discussion and Commitments/Agreements

#### 1. PREVIOUS MEETING MINUTES

The January 20, 1998 Project Manager Meeting (PMM) minutes were approved. A brief discussion was held regarding the DOE-RL reorganization. Mr. J. Waring (DOE-RL) will be reassigned, and a new DOE-RL program manager will be attending the PMMs. WMH Solid Waste Project also reorganized, and Mr. B. Barnes (WMH) replaced Mr. K. McDonald (WMH) as the environmental compliance officer.

Regarding approval of the July 9, 1997 PMM minutes, Mr. T. Wooley (Ecology) and Mr. McDonald (WMH) briefly discussed the verification on the percentages of nonhazardous sludge content in containers received from Argonne. Mr. McDonald clarified that in the July 9, 1997 PMM minutes, he had given the figure of 98 percent nonhazardous sludge without the paperwork to refer to, and a correction to the minutes of "as much as 90 percent" was made. Mr. Wooley asked if the 90 percent figure was based on kilogram weight. Mr. McDonald responded that the percentage of nonhazardous constituents was taken directly from the information provided by the generator. Mr. Wooley inquired about verification of the generator's information. Mr. McDonald explained that the Argonne containers were received before a verification program was established, and to his knowledge the quantities were not verified; therefore, the statement "these numbers are lacking the appropriate analytical pedigree for more than general characterization" was added to the minutes.

Mr. Wooley approved the July 9, 1997 PMM minutes.

#### 2. PERMIT APPLICATION STATUS

- Part B NOD Workshop Schedule

Mr. D. Saueressig (WMH) provided copies of the Notice of Deficiency (NOD) workshop schedule, which has not been revised.

There was a discussion regarding the June 1, 1998 submittal date of the Part B Permit Application to Ecology. Mr. Saueressig pointed out that the Part B will need to go through one last RL/contractor review before the approval cycle begins. Mr. Saueressig noted that contractor approval needs to start by April 1, 1998, which leaves a minimal amount of time for resolution of outstanding NODs, the new

emergency preparedness documentation, the Waste Analysis Plan (WAP) and the training plan. Mr. Saueressig also noted that comments regarding the WAP will not be submitted until the end of March 1998. Mr. Wooley noted that the original February 3, 1998 date for submittal of his WAP comments has passed, and he indicated that he will submit WAP comments by the end of March 1998.

Mr. T. Miskho (FDH) stated that a final workshop date should be established, and if all of the issues are not resolved at that time, they will be managed through the permit condition process. Mr. Miskho suggested that the respective contractors (DOE-RL, FDH, WMH) determine the amount of time needed for concurrence on the Part B. Mr. Wooley deferred to his management for decision-making regarding the review cycle.

### 3. GENERAL TOPICS

- Past Action Items

12-11-96:1, Mr. Olsen (WMH) will establish a time for Mr. Wooley (Ecology) to observe an emergency exercise at CWC.

This action item was closed at the January 20, 1998 PMM.

11-17-97:1, Mr. L. Olsen (WMH) will determine whether a final report on the disposition of the Argonne containers will be generated.

Mr. Wooley was provided a copy of the final occurrence report and background information regarding the containers. This action item was left open.

- New Action Items

There were no new action items.

### 5. SCHEDULE NEXT MEETING

- Tentative Date

The next PMM and NOD workshop was scheduled for March 4, 1998, from 1:00 to 4:00 p.m. in Richland, Washington.

- Proposed Topics

Proposed topics may be submitted to Mr. Saueressig.

### 6. PART B WORKSHOP

A Part B Permit Application NOD workshop was held following the PMM.

Attachment 3

**CENTRAL WASTE COMPLEX**  
**Project Managers Meeting/Part B Workshop**  
**2440 Sevens Center, Room 2519**  
**Richland, Washington**

February 17, 1998  
1:00 p.m. to 4:00 p.m.

**Attendance List**

Name	Organization	Phone #
Ted Wooley	Ecology	736-3012
Larry Olsen	WMH	376-8737
Paul MacBeth	GSSC	372-2289
Kathy Knox	Knox Court Reporting	946-5535
Dan Saueressig	WMH	376-9739
Randy Ames	WMH	373-2067
Tony Miskho	FDH	376-7313
Joe Waring	DOE-RL	373-7687
Tony McKarns	DOE-RL	376-8981

Attachment 4  
CENTRAL WASTE COMPLEX  
Project Managers Meeting/Part B Workshop  
2440 Stevens Center, Room 2519  
Richland, Washington

February 17, 1998  
1:00 p.m. to 4:00 p.m.

Action Items

<u>Action Item #</u>	<u>Description</u>
12-11-96:1	Mr. L. Olsen (WMH) will establish a time for Mr. Wooley (Ecology) to observe an emergency exercise at CWC. ACTION: Mr. Olsen (WMH)
	CLOSED
11-17-97:1	Mr. L. Olsen (WMH) will determine whether or not a report will be generated regarding disposition of the Argonne containers. ACTION: Mr. Olsen (WMH)
	OPEN

Attachment 5

CENTRAL WASTE COMPLEX  
Project Managers Meeting/Part B Workshop  
2440 Stevens Center, Room 2519  
Richland, Washington

February 17, 1998  
1:00 p.m. to 4:00 p.m.

NOTICE OF DEFICIENCY RESPONSE TABLE  
WITH AGREEMENTS/ACTIONS RESULTING  
FROM PART B WORKSHOP

Hanford Facility Dangerous Waste Permit Application,  
Central Waste Complex DOE/RL-91-17 WD2  
Notice of Deficiency Table No. 1

No.	Comment/Requirement
-----	---------------------

**NOTE: ALL COMMENTS THAT ARE CLOSED HAVE BEEN REMOVED FROM THIS TABLE.**

- |    |   |
|----|---|
| 3. | <p><u>Page 2-1, Section 2.0.</u> <u>Comment:</u> Ecology's Dangerous Waste Permit Application Requirements document, sections B-1a(2) and (3) have not been addressed. Items, such as a detailed flow diagram description of the dangerous waste management operations and any Dangerous Waste Regulations regarding "treatment by generator," are missing from this section.</p> |
|----|---|

Requirement: Review the permit application requirements, as referenced above, and revise the Part B accordingly.

DOE-RL/FDH Response: ~~Per the Ecology Part B checklist [B-1a(2)], this information is referenced and discussed in Chapters 3.0 and 4.0 and Appendix 3A per the Ecology Part B checklist [B-1a(2)] guidance that duplicate information is not required. This draft permit application was developed before the Waste Analysis Plan (WAP) guidance was finalized.~~ The WAP will be revised before the next submittal to incorporate the guidance. Treatment by generator activities are outside the scope of this permit application.

OPEN PENDING REVIEW OF WASTE ANALYSIS PLAN AND DISCUSSION ON POINT OF GENERATION (E.G., SPILL CLEANUP [POG: y], REPACKAGING [POG: ?], AND MOVEMENT OF CONTAINERS [POG: N]) (6/4/97). MORE DETAIL ON TREATMENT WILL BE INCLUDED IN THE WASTE ANALYSIS PLAN AND CHAPTER 4.0. A DETAILED FLOW DIAGRAM OF THE WASTE ACCEPTANCE PROCESS WILL BE INCLUDED IN THE WASTE ANALYSIS PLAN (7/9/97). THE WASTE ANALYSIS PLAN WAS TRANSMITTED TO ECOLOGY ON 1/13/98. ECOLOGY WILL PROVIDE COMMENTS BY 2/3/98. RESPONSIVENESS SUMMARY LANGUAGE ON POINT OF GENERATION AND TREATMENT TO BE DISTRIBUTED. OPEN (1/20/98). ECOLOGY TO DISCUSS FURTHER THE DEFINITION OF POINT OF GENERATION AS IT RELATES TO REPACKAGING. OPEN (2/17/98).

- |    |  |
|----|--|
| 7. | <p><u>Page 3-1, Section 3.1.</u> <u>Comment:</u> Although the reference to the Dangerous Waste Application Requirements is correct, the section does not fulfill the prescribed elements laid out in C-1 and C-1(a). C-1(a) stipulates the following: "Include the identity and concentration of all constituents and physical properties . . . ."</p> |
|----|--|

Requirement: Clarify how the text presented in section 3.1 meets the elements of C-1 and C-1(a).



DOE-RL/FDH Response: This draft permit application was developed before the WAP guidance was finalized. The WAP will be revised before the next submittal to incorporate the guidance.

**OPEN PENDING ECOLOGY REVIEW OF THE WAP (1/20/98).**

12. Page 4-2, line 41. Comment: This section is incomplete. The secondary containment calculations (as noted in Appendix 4C) are not yet available. This requirement must be met during interim status, just as it would be required in final status.

Requirement: Provide these calculations as soon as possible. The Part B cannot be approved without these calculations completed and inserted into the document.

DOE-RL/FDH Response: The secondary containment calculations were included in Revision 0. These calculations are currently being converted to metric per a DOE-RL direction, field walkdowns are being performed to verify previous calculations completed from design drawings, and will be provided when completed.

**OPEN PENDING COMPLETION OF INFORMAL RL TRANSMITTAL OF REVISED SECONDARY CONTAINMENT CALCULATIONS. RUN-OFF DISCUSSIONS RELATED TO SECTION 4.1.2.2 ARE PENDING (8/13/97). SECONDARY CONTAINMENT CALCULATIONS WERE PROVIDED TO ECOLOGY ON 12/19/97. CLOSED (1/20/98).**

13. Page 4-3, line 27. Comment: How can sections 4.1.2.2 and 4.1.2.3 be completely accurate if the secondary containment calculations, as noted in comment #12, are not complete?

Requirement: Explain how discussions provided in sections 4.1.2.2 and 4.1.2.3 are valid without the appropriate calculations completed.

DOE-RL/FDH Response: Refer to response to comment 12. Once the secondary containment calculations are converted to metric provided to Ecology, the sections referencing these calculations will be verified.

**OPEN PENDING RESOLUTION OF COMMENT #12 (8/13/97). SECONDARY CONTAINMENT CALCULATIONS WERE PROVIDED TO ECOLOGY ON 12/19/97. CLOSED. RANDY AND TED WILL HAVE DISCUSSION OUTSIDE OF WORKSHOP ON METHODOLOGY OF CALCULATIONS (1/20/97).**

16. Page 4-5, line 26. Comment: Who is responsible for developing a sampling and analysis plan for the wipe sampling events?

Requirement: Revise document to include more detail on the development and implementation of the sampling plan.

DOE-RL/FDH Response: There is no sampling plan for the cleanup of spills. Procedures are in place to clean up spills and to verify the adequacy of the cleanup. Sampling plans are prepared for closure activities, but are not required by WAC 173-303 for spill cleanup.

~~OPEN - DEFER TO BUILDING EMERGENCY PLAN (9/15/97).~~ PAGE 4-5, LINES 13-16 WILL BE DISCUSSED IN THE WAP. WMH WILL DETERMINE THE PURPOSE OF WIPE SAMPLING (E.G. RAD OR CHEMICAL) AND WILL MAKE A RECOMMENDATION TO EITHER RETAIN OR DELETE THE LANGUAGE FROM THE PERMIT APPLICATION. RL RESPONSE WILL BE MODIFIED ACCORDINGLY (10/15/97). RL/CONTRACTORS TO MEET AND DISCUSS WIPE SAMPLING AS RELATED TO USE OF RADIOACTIVITY AS AN INDICATOR OF DANGEROUS WASTE. (12/18/98). OPEN - TED WILL LOOK INTO THE REGULATORY REQUIREMENTS FOR SPILL CLEANUP. RL/CONTRACTORS PROPOSED REMOVAL OF LINE 26 AND PART OF LINE 28 (1/20/98).

~~17-A. BASED ON PAST EXPERIENCE WITH OFFSITE GENERATORS (I.E., ARGONNE NATIONAL LABORATORY), WHAT MODIFICATIONS TO SECTION 4.1.1. WILL OCCUR IN THE PART B PERMIT APPLICATION TO SPECIFY ACCEPTABLE PACKING MATERIAL (E.G., ABSORBENTS).~~

DOE-RL/FDH Response: Additional text will be drafted to address acceptance criteria for the absorbents used.

OPEN (9/15/97). OPEN PENDING REVIEW OF TEXT TO BE PROVIDED BY RANDY/LARRY. VERIFY THAT ATG CAN ACCEPT WASTE WITH THE TYPE OF ABSORBENTS WE ARE USING. (10/02/97). OPEN PENDING SORBENT PARAGRAPH TO BE PROVIDED TO ECOLOGY (12/18/97). SORBENT LANGUAGE WAS TRANSMITTED TO TED ON 1/13/98. PAGE 4-1, LINES 33-40 WILL BE DELETED AND REPLACED WITH THE AGREED UPON LANGUAGE. CLOSED (1/20/98).

18. Page 4-7, line 16. Comment: This paragraph is insufficient in terms of providing the elements identified in Section D-1f(1). The following direction is given: "Provide sketches, drawings, or data that containers of reactive waste exhibiting a characteristic specified in WAC 173-303-090(7)(vi), (vii) or (viii) are stored in a manner equivalent . . . ," but is not indicated in the text currently in the permit application.

Requirement: Explain why all of the information identified in D-1f(1) is not provided in section 4.3.1. If this information can be found in various portions of the document, please identify those sections. If there are related plan views or as-built sketches, those should be referenced within this section so the reader does not have to search for them. If there are no sketches that apply to reactive waste storage, this requirement will considered as unfulfilled.

DOE-RL/FDH Response: Per the Ecology Part B checklist, this section will be evaluated against what is required by applicable WAC 173-303 regulations. ~~Figures in Chapter 1.0 provide details.~~ RL/Contractors will provide sketches, drawings or data in the permit application to demonstrate how the reactive wastes described in WAC 173-303-630(8)(a) will be managed in a manner equivalent with the UFC table.

OPEN PENDING ECOLOGY/CONTRACTOR REVIEW OF SITE PLANS/WAC REQUIREMENTS (9/15/97). THIS SECTION WILL BE EVALUATED BY COMPARING THE CHECKLIST ITEMS AGAINST THE DESIGNATED SECTIONS FOR ACCURACY (10/02/97). TONY MCKARNS TO PROVIDE ECOLOGY WITH TOPOGRAPHIC MAP. DISCUSSION WITH ECOLOGY REQUIRED PERTAINING TO PE CERTIFICATION ON DESIGN DRAWINGS. DATA PERTAINING TO UFC/NFPA REQUIREMENTS WILL BE PROVIDED TO ECOLOGY. RL/CONTRACTORS TO DETERMINE WHICH PARTS OF APPENDICES 4A/4B ARE CERTIFIED BY PE (12/18/97). THE FOLLOWING QUESTION WILL BE DISCUSSED AT THE MONTHLY FEBRUARY 11, 1998 MEETING BETWEEN LAURA CUSACK AND RUDY GUERCIA: "FOR INTERIM STATUS CONTAINER STORAGE TSD UNITS BEING INCORPORATED THROUGH A CLASS 3 PERMIT MODIFICATION INTO AN EXISTING FINAL STATUS PERMIT, WHAT PORTIONS OF THE PART B PERMIT APPLICATIONS MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER [WAC 173-303-806(4)(a)]". REFERENCE IN TEXT WILL BE MADE TO SKETCHES/DRAWINGS (1/20/98).

19. Page 4-7, line 23. Comment: This paragraph is insufficient in terms of providing the elements identified in Section D-1f(2). The following direction is given: "Provide sketches, drawings, or data demonstrating that container storage of ignitable waste and reactive waste." Requirements listed in section D-1f(2) go beyond what the permit language currently includes.

Requirement: Explain why all of the information identified in D-1f(2) is not provided in section 4.3.2. If this information can be found in various portions of the document, please identify those sections. If there are related plan views or as-built sketches, those should be referenced within this section so the reader does not have to search for them. If there are no sketches that apply to reactive waste storage, this requirement will be considered as unfulfilled.

DOE-RL/FDH Response: Per the Ecology Part B checklist, this section will be evaluated against what is required by applicable WAC 173-303 regulations. ~~Figures in Chapter 1.0 provide details. RL/Contractors will provide sketches, drawings or data in the permit application to demonstrate how the reactive wastes described in WAC 173-303-630(8)(b) will be managed in a manner equivalent with the UFC table.~~

OPEN PENDING ECOLOGY/CONTRACTOR REVIEW OF SITE PLANS/WAC REQUIREMENTS (9/15/97). THIS SECTION WILL BE EVALUATED BY COMPARING THE CHECKLIST ITEMS AGAINST THE DESIGNATED SECTIONS FOR ACCURACY (10/02/97). TONY MCKARNS TO PROVIDE ECOLOGY WITH TOPOGRAPHIC MAP. DISCUSSION WITH ECOLOGY REQUIRED PERTAINING TO PE CERTIFICATION ON DESIGN DRAWINGS. DATA PERTAINING TO UFC/NFPA REQUIREMENTS WILL BE PROVIDED TO ECOLOGY. RL/CONTRACTORS TO DETERMINE WHICH PARTS OF APPENDICES 4A/4B ARE CERTIFIED BY PE (12/18/97). THE FOLLOWING QUESTION WILL BE DISCUSSED AT THE MONTHLY FEBRUARY 11, 1998 MEETING BETWEEN LAURA CUSACK AND RUDY GUERCIA: "FOR INTERIM STATUS CONTAINER STORAGE TSD UNITS BEING INCORPORATED THROUGH A CLASS 3 PERMIT MODIFICATION INTO AN EXISTING FINAL STATUS PERMIT, WHAT PORTIONS OF THE PART B PERMIT APPLICATIONS MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER [WAC 173-303-806(4)(a)]". REFERENCE IN TEXT WILL BE MADE TO SKETCHES/DRAWINGS (1/20/98).

20. Page 4-7, line 32. Comment: This paragraph is insufficient in terms of providing the elements identified in Section D-1f(32). The following direction is given: "Through sketches, drawings, and/or data demonstrate that a container holding a dangerous that is compatible with any waste . . ."

Requirements listed in section D-1f(3) go beyond what the permit application language currently includes.

Requirement: Explain why all of the information identified in D-1f(3) is not provided in section 4.3.3. If this information can be found in various portions of the document, please identify those sections. If there are related plan views or as-built sketches, those should be referenced within this section so the reader does not have to search for them. If there are no sketches that apply to reactive waste storage, this requirement will consider as unfulfilled.

DOE-RL/FDH Response: Per the Ecology Part B checklist, this section will be evaluated against what is required by applicable WAC 173-303 regulations. Figures in Chapter 1.0 provide details.

OPEN PENDING ECOLOGY/CONTRACTOR REVIEW OF SITE PLANS/WAC REQUIREMENTS (9/15/97). THIS SECTION WILL BE EVALUATED BY COMPARING THE CHECKLIST ITEMS AGAINST THE DESIGNATED SECTIONS FOR ACCURACY (10/02/97). TONY MCKARNS TO PROVIDE ECOLOGY WITH TOPOGRAPHIC MAP. DISCUSSION WITH ECOLOGY REQUIRED PERTAINING TO PE CERTIFICATION ON DESIGN DRAWINGS. RL/CONTRACTORS TO DETERMINE WHICH PARTS OF APPENDICES 4A/4B ARE CERTIFIED BY PE. RL/CONTRACTORS TO DETERMINE NFPA REQUIREMENTS FOR INCOMPATIBLES IN ORDER TO COMPARE WITH THE LANGUAGE IN THE PERMIT APPLICATION DOCUMENT FOR UFC (12/18/97). THE FOLLOWING QUESTION WILL BE DISCUSSED AT THE MONTHLY FEBRUARY 11, 1998 MEETING BETWEEN LAURA CUSACK AND RUDY GUERCIA: "FOR INTERIM STATUS CONTAINER STORAGE TSD UNITS BEING INCORPORATED THROUGH A CLASS 3 PERMIT MODIFICATION INTO AN EXISTING FINAL STATUS PERMIT, WHAT PORTIONS OF THE PART B PERMIT APPLICATIONS MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER [WAC 173-303-806(4)(a)]". REFERENCE IN TEXT WILL BE MADE TO SKETCHES/DRAWINGS (1/20/98).

21. Page 6-2, line 8. Comment: Section F-2 in the requirements is actually entitled, "Inspection Plan," not "Inspection Requirement." What process does CWC have that would be considered equivalent?

Requirement: Explain how WAC-173-303-806 (4)(a)(v), -303-320, -303-340, 40CFR 270.14, and 264.15 are being met within this section, or even within the permit application.

DOE-RL/FDH Response: This information is contained in Sections 6.2.1, 6.2.1.1, 6.2.1.2, 6.2.2, 6.2.3 and 6.2.3.1 and 6.2.3.2.

OPEN PENDING ECOLOGY REVIEW OF REFERENCED SECTIONS (9/15/97). SPECIFY WHERE IN CHAPTER 6 THE INSPECTION SCHEDULE ITEMS ARE CONTAINED, AND INDICATING PROPER PLACEMENT OF THE CHECKLIST HEADINGS (12/18/97). OPEN PENDING ECOLOGY REVIEW OF DETAILED BREAKDOWN OF REQUIREMENTS VERSUS SECTIONS (2/17/98).

22. Page 6-2, line 24. Comment: There is no apparent attempt in this section to meet requirement F-2a(1).

Requirement: Please review the elements identified in F-2a(1) and describe how these are met with the

permit application.

DOE-RL/FDH Response: ~~The Ecology Part B checklist is guidance and not everything contained is required by the regulations.~~

OPEN PENDING ECOLOGY/CONTRACTOR REVIEW OF WAC 173-303 AND ECOLOGY GUIDANCE DOCUMENT (9/15/97). THIS SECTION WILL BE EVALUATED BY COMPARING THE CHECKLIST ITEMS AGAINST THE DESIGNATED SECTIONS FOR ACCURACY (10/02/97). SPECIFY WHERE IN CHAPTER 6 THE INSPECTION SCHEDULE ITEMS ARE CONTAINED, AND INDICATING PROPER PLACEMENT OF THE CHECKLIST HEADINGS (12/18/97). OPEN PENDING ECOLOGY REVIEW OF DETAILED BREAKDOWN OF REQUIREMENTS VERSUS SECTIONS (2/17/98).

24. Page 6-3, Line 35. Comment: F-2c(1)(c) requires specifying actual timelines for taking corrective action. Line 35 of Section 6.2.2 of the permit application defers discussion of the timeline to the BEP (appendix 7a). The BEP does not indicate a timeline for corrective action.

Requirement: Revise either section 6.2.2 and/or the BEP pursuant to F-2c with regard to all spill types. Please emphasize timeline for corrective actions and positions responsible for taking corrective action or ensuring other staff remedy the problems. If this information is already available, please identify where it exists. Further discussion on adequacy of the information with regard to regulatory requirements will most likely be necessary.

DOE-RL/FDH Response: ~~The Ecology Part B checklist is guidance and not everything contained is required by the regulations.~~

OPEN PENDING ECOLOGY/CONTRACTOR REVIEW OF WAC 173-303 AND ECOLOGY GUIDANCE DOCUMENT (9/15/97). THIS SECTION WILL BE EVALUATED BY COMPARING THE CHECKLIST ITEMS AGAINST THE DESIGNATED SECTIONS FOR ACCURACY. THIS COMMENT WILL BE ADDRESSED AFTER A DECISION IS MADE REGARDING WHAT APPEARS IN CHAPTER 7.0 OF THE APPLICATION. (10/02/97). ECOLOGY/RL/CONTRACTORS WILL REVIEW CHECKLIST SECTION F-2c(1)(c) TO DETERMINE APPLICABILITY WITH REGARDS TO CORRECTIVE ACTION TIMEFRAMES (12/18/97).

25. Page 6-4, line 15. Comment: This section refers the reader to section 6.2.2, which refers the reader to the BEP for corrective actions other than spills to secondary containment. As discussed in comment #24, the BEP does not adequately address corrective action schedules.

Requirement: Please see requirement #24 with focus on F-2d(1)(b)(i) and (ii).

DOE-RL/FDH Response: Refer to response to comment 24.

OPEN PENDING ECOLOGY/CONTRACTOR REVIEW OF WAC 173-303 AND ECOLOGY GUIDANCE DOCUMENT (9/15/97). THIS SECTION

WILL BE EVALUATED BY COMPARING THE CHECKLIST ITEMS AGAINST THE DESIGNATED SECTIONS FOR ACCURACY. THIS COMMENT WILL BE ADDRESSED AFTER A DECISION IS MADE REGARDING WHAT APPEARS IN CHAPTER 7.0 OF THE APPLICATION. (10/02/97). ECOLOGY/RL/CONTRACTORS WILL REVIEW CHECKLIST SECTION F-2c(1)(c) TO DETERMINE APPLICABILITY WITH REGARDS TO CORRECTIVE ACTION TIMEFRAMES (12/18/97).

26. Page 7-1. Comment: Currently, Ecology is having internal discussions on whether the combination of unit specific BEP and Attachment 4 of the Hanford Facility Permit (DOE/RL 91-28) plus other documents, such as, the plant operating procedures and WHC-CM-4-43 actually make up an effective "overall contingency plan." The main questions Ecology has at this time is: (1) When do USDOE and contractors actually consider the BEP implemented, and (2) what does that mean in terms of reporting requirements? Additional NODs will results from that discussion.

Requirement: Please prepare for future discussions on how the combination of all of the documents actually fulfill requirements pursuant to WAC 173-303-350.

DOE-RL/FDH Response: No response required. Answers to questions will be developed during ~~current~~future discussion with Ecology.

OPEN - ECOLOGY WILL RESUBMIT NOD'S FROM 1996 REGARDING THE BEP FOR CWC (9/15/97). THIS COMMENT WILL BE ADDRESSED AFTER A DECISION IS MADE REGARDING WHAT APPEARS IN CHAPTER 7.0 OF THE APPLICATION (10/02/97).

27. Page 10-1. Comment: There is no mention of intent to meet 40 CFR 264.75(h) and (i) requirements. A quick review of DOE/RL-97-16, the Hanford Site Annual Dangerous Waste Report, indicates some deficiencies. Generator identification is lacking in most cases and there is no mapping of waste location as required in 40 CFR.

Requirement: Review the federal requirements. Revision of -97-16 or Section 10 of the permit application will be necessary.

DOE-RL/FDH Response: The requirements of 40 CFR 264.75(h) and (i) are not met through the Part B Permit Application requirements but through reporting mechanisms outside of the Hanford Facility RCRA permit. The waste minimization requirements are contained in the HSWA portion of the Hanford Facility RCRA Permit, Condition II.F and only address the certification requirement of 40 CFR 264.73(b)(9). There is no need to include information regarding 40 CFR 264.75(h) and (i) in the CWC portion of the Hanford Facility Part B Permit Application. This text has been agreed to by Ecology and is reflected in the *Hanford Dangerous Waste Permit Application, General Information Portion* (DOE/RL-91-28), Chapter 10.

OPEN (6/4/97) - RFSH WILL PROVIDE ECOLOGY A COPY OF WASTE MINIMIZATION PLAN FOR SOLID WASTE AND A COPY OF THE ANNUAL REPORT THAT IS GIVEN TO THE WASTE MINIMIZATION GROUP. ~~TONY MISKHO WILL PROVIDE ADDITIONAL INFORMATION TO~~

~~THE DOE-RL/FDH RESPONSE.~~—CLOSED PENDING ECOLOGY REVIEW OF ANNUAL CERTIFICATION IN CWC OPERATING RECORD (7/9/97). LARRY OLSEN WILL PROVIDE A COPY OF THE CWC WASTE MINIMIZATION CERTIFICATION IN THE OPERATING RECORD TO TED WOOLEY (8/13/97). OPEN PENDING TED REVIEW OF RECORDS ANNUAL CERTIFICATION AND POSITION DESCRIBED IN RESPONSE PERTAINING TO 40 CFR 264.75(h) AND (i) (12/18/97).

30. Page 13-1. Comment: WAC-173-340 will require referencing. Also, as stated in the requirements list, all permits applied for or received from any regulatory agencies.

Requirement: Please revise the permit application to meet this requirement under Section J.

DOE-RL/FDH Response: In accordance with the *Hanford Facility Dangerous Waste Permit Application, General Information Portion* (DOE/RL-91-28) Revision 3, Page 13-1 line 30-31, Section 13.0 of the CWC portion will be revised to include the list of applicable laws and requirements. Descriptions of the applicable laws and requirements are found in the *Hanford Facility Dangerous Waste Permit Application, General Information Portion* (DOE/RL-91-28), Section 13.0 and will not be duplicated. This text has been agreed to by Ecology and is reflected in the *General Information Portion* (DOE/RL-91-28), Chapter 13.0.—

OPEN (6/4/97 AND 7/9/97) - PENDING REVIEW OF LIST PLACED INTO SECTION 13.0. TED WILL REVIEW THE REVISED CHAPTER 13.0 AND DISCUSS WITHIN ECOLOGY (8/13/97). CLOSED (2/17/98).

31. Page APP 3A-i. Comment: A detailed set of NODs on the Waste Analysis Plan (WAP) for CWC will be submitted by Ecology in the coming weeks. There are still some outstanding issues on the WAP guidance that need resolution.

Requirement: An agreement of when Ecology will provide NODs on the WAP will be discussed as part of the work shop schedule at the next project managers meeting.

DOE-RL/FDH Response: A CWC WAP addressing the guidance developed during the workshops with DOE-RL, FDH/RFSH, and Ecology will be developed.

OPEN PENDING ECOLOGY REVIEW OF REVISED WAP (2/17/98).

32. Page APP 4C-i. Comment: When will secondary containment calculations be available? The part B cannot be approved prior to having the calculations.

Requirement: Please give a date.

DOE-RL/FDH Response: Refer to response to comment 12. Secondary containment calculations will be provided by July 31, 1997.

CLOSED (2/17/98).

33. Page APP 4D-i. Comment: There is no information on how durable the sealant is in terms of reaction to chemical spills and physical damage from drum movement. MSDS information, although necessary, does not whether the sealant is appropriate for the application it is being used for.

Requirement: Revise the permit application, adding the requested information.

DOE-RL/FDH Response: Although the regulations do not require the installation of a protective coating over the concrete floors, this added protection for the concrete exceeds what is required by the regulations. The MSDS's provide general physical and chemical descriptions of the coatings.

OPEN - LARRY/KENT WILL PROVIDE THE SPECIFICATIONS FOR THE SEALANT (10/02/97). TED TO REVIEW INFORMATION ON SEALANT SPECIFICATIONS. DISCUSSION AMONG CONTRACTORS NECESSARY ON WHAT IS SUFFICIENTLY IMPERVIOUS "630(7)(a)(i)" (12/18/97). SEALANT SPECIFICATIONS WILL BE INCLUDED IN APPENDIX 4D. CLOSED (2/17/98).

34. Page APP 7A-i. Comment: Ecology is not prepared to give a complete set of NODs on the BEP because of current internal discussions.

Requirement: A date will be set for submittal of BEP NODs. NODs were submitted in January 1996 which, at a minimum, will require completed resolution. Additional NODs will be dependent on the outcome of Ecology discussions.

DOE-RL/FDH Response: No response required. Answers to questions will be developed during future discussions with Ecology.

THIS COMMENT WILL BE ADDRESSED AFTER A DECISION IS MADE REGARDING WHAT APPEARS IN CHAPTER 7.0 OF THE APPLICATION (10/02/97).

35. Page APP 8A-i. Comment: There is no reference to Section H the Dangerous Waste Application Requirements document, Why?

Requirement: To be consistent and to have the correct focus on training requirements, please reference Section H.

DOE-RL/FDH Response: Section H is complied with by directing the reader in Chapter 8 to Appendix 8A. Appendix 8A contains the Central Waste Complex Dangerous Waste Training Plan ~~Solid Waste Disposal training plan.~~ This training plan is consistent with other TSD unit Training plans submitted as part of permit applications for RL/FDH TSD units during Modification C of the Hanford Facility RCRA Permit. ~~included in~~



~~the 616 Nonradioactive Dangerous Waste Storage Facility (616 NRDWSF) Permit, which has been accepted by Ecology, and included in the HF RCRA Permit, Part III, Chapter 1.~~

**OPEN PENDING ECOLOGY REVIEW OF NEW TRAINING PLAN (12/18/97). CLOSED (2/17/98).**

36. Page 12, 1st para. under bullets. Comment: What happens with personnel who cannot pass the training requirements. Are they restricted from doing related work?

Requirement: Please clarify how training deficiencies are handled.

DOE-RL/FDH Response: Personnel are retested and/or provided with additional instruction. If the personnel cannot pass the required tests necessary to perform his/her job, this individual is (1) not allowed to perform this particular job or (2) is allowed to perform the job, but under close supervision (this depends on the hazards associated with the job).

**OPEN PENDING ECOLOGY REVIEW OF NEW TRAINING PLAN (12/18/97). CLOSED (2/17/98).**

37. Page 13, 1st sentence. Comment: Define exempt personnel.

Requirement: For clarification purposes, please define which positions are considered exempt.

DOE-RL/FDH Response: Refer to the Fair Labor Standard Act of 1964. This term does not infer that an employee does not have to meet specific requirements, but refers to how the human resources organization manages payroll.

**OPEN PENDING ECOLOGY REVIEW OF NEW TRAINING PLAN (12/18/97). CLOSED (2/17/98).**

38. Page 15, Section 5.11. Comment: How long is a person allowed to remain in the remedial training program, and what work restrictions are imposed on them during this time?

Requirement: Please answer questions.

DOE-RL/FDH Response: Remedial training program is determined by the individual's immediate manager/supervisor. Remedial training programs generally do not exceed 6 months; however, this is up to the immediate manager/supervisor.

**OPEN PENDING ECOLOGY REVIEW OF NEW TRAINING PLAN (12/18/97). CLOSED (2/17/98).**

39. Page A-1, 1st para. Comment: What process is in place for determining what type of training applies to

a specific position?

Requirement: Clarify how this determination is made.

DOE-RL/FDH Response: This is an ongoing process. Any changes in operations are evaluated and a determination is made if additional, reduced, or no change is required. Personnel are then trained accordingly based on this ongoing evaluation.

**OPEN PENDING ECOLOGY REVIEW OF NEW TRAINING PLAN (12/18/97).**

40. Page A-2, Training Matrix. Comment: This table is confusing.

Requirement: Part of a project managers meeting will be devoted to discussion on how to use the table.

DOE-RL/FDH Response: No response required. Answers to questions will be developed during future discussions with Ecology.

**OPEN PENDING ECOLOGY REVIEW OF NEW TRAINING PLAN (12/18/97). SEE ATTACHMENTS 1 OF 2 OF THE NEW TRAINING PLAN (2/17/98).**

41. Page A-12, Category G. Comment: The 40 hour and 16 hour Hazardous Waste Operations Training is considered "Non-RCRA," why?

Requirement: Clarify how this is categorized as "Non-RCRA."

DOE-RL/FDH Response: This training is required by OSHA and 29 CFR 1910.120 and not the dangerous waste regulations. This is Health and Safety training and not waste management training.

**OPEN PENDING ECOLOGY REVIEW OF NEW TRAINING PLAN (12/18/97).**

42. Appendix 8A Comment: Training plan does not contain names as required by 330(2)(a).

Requirement: Meet requirements of 330(2)(a).

DOE-RL/FDH Response: RL/contractors need to have discussions with Ecology on names in training plans.

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